

Recombinant Anti-PPIL1 Rabbit mAb

Catalog # AP95392

Product Information

Application	WB, FC
Primary Accession	Q9Y3C6
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	18237

Additional Information

Gene ID	51645
Other Names	CYPL1; Peptidyl-prolyl cis-trans isomerase-like 1; PPIase; Rotamase PPIL1
Target/Specificity	Recombinant fusion protein of human PPIL1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PPIL1
Synonyms	CYPL1
Function	Involved in pre-mRNA splicing as component of the spliceosome (PubMed: 11991638 , PubMed: 28076346 , PubMed: 28502770 , PubMed: 33220177). PPIases accelerate the folding of proteins. Catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (PubMed: 16595688). Catalyzes prolyl peptide bond isomerization in CDC40/PRP17 (PubMed: 33220177). Plays an important role in embryonic brain development; this function is independent of its isomerase activity (PubMed: 33220177).
Cellular Location	Nucleus
Tissue Location	Ubiquitous, with the most abundant expression in heart and skeletal muscle

Images



Western blot analysis of PPIL1 expression in HepG2 (A) whole cell lysates. (Predicted band size: 18 kD; Observed band size: 19 kD)

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